



Samsung Galaxy S Vibrant LCD Screen Replacement

A brief guide on how to replace your Samsung Galaxy S Vibrant's screen.

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INTRODUCTION

Drop your phone one too many times? Cracked screen? Replace it quickly and at a low cost by following this guide.

TOOLS:

- Heat Gun (1)
- Phillips #00 Screwdriver (1)
- Plastic Opening Tools (1)

PARTS:

- Samsung Vibrant T959 LCD and Digitizer Assembly with Glass Lens (1)

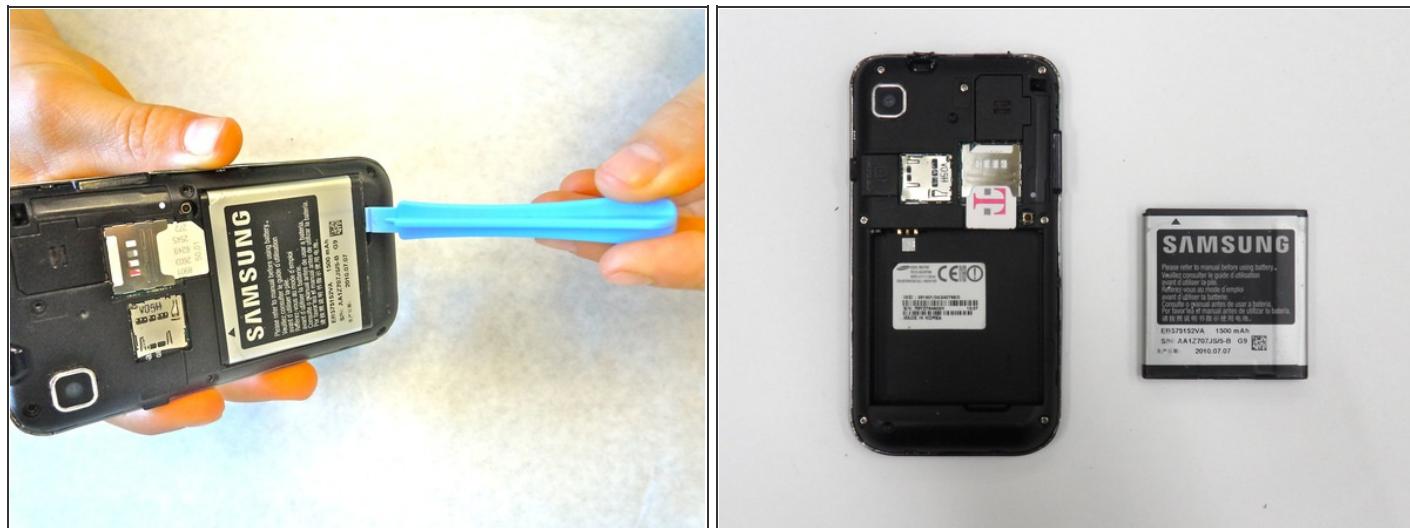
Step 1 — Battery



- Locate the small slit on the bottom edge of the device between the back and front cases.
- Pop the back case off by inserting your finger and pulling the case away from the phone.
 - If necessary (it shouldn't be), use the [Plastic Opening Tools](#) to pry the back case off.



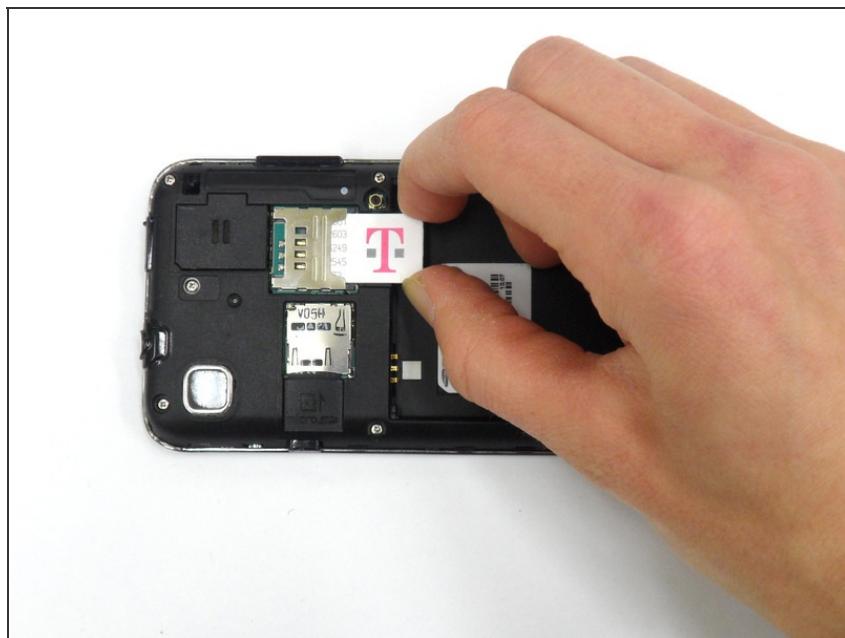
Step 2



- Remove the battery by pushing the bottom edge of the battery up and away from the phone
 - If you would prefer, you may use the [Plastic Opening Tools](#) for this step as well.



Step 3 — Back Housing



- Remove SIM card by pushing down and away from the slot, then pulling it out toward the bottom edge of the phone.

Step 4



- Remove the 7 4.5 mm screws along the perimeter with a [Phillips #00 Screwdriver](#).

Step 5



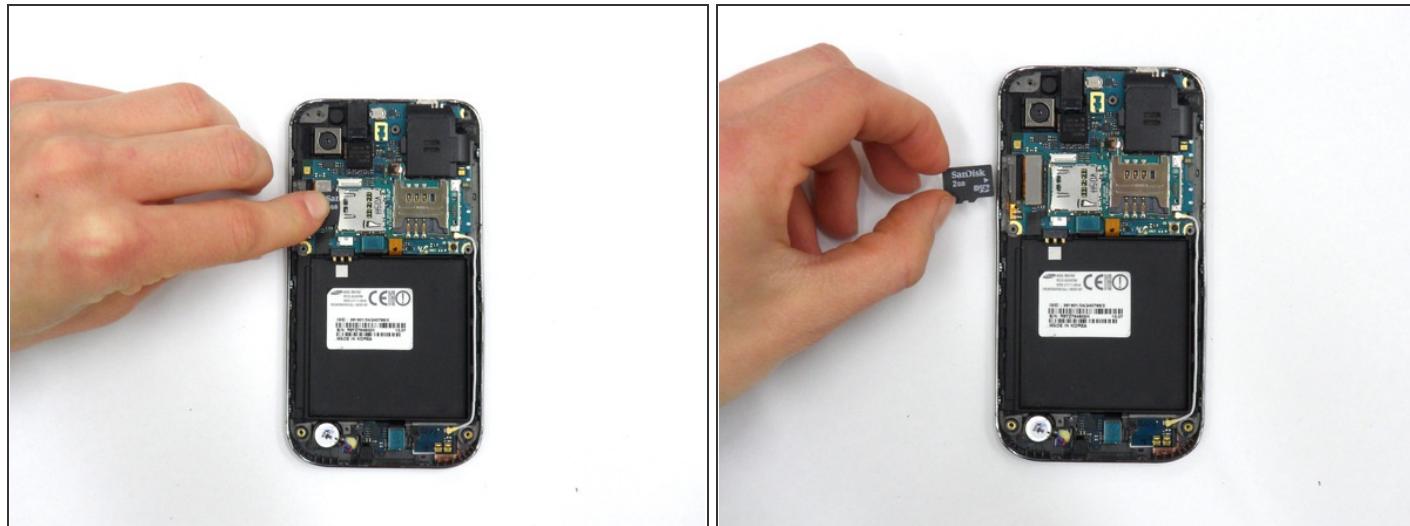
- Pry off the rear housing using the [Plastic Opening Tools](#).

- Do this gently!



- Begin with the edge that has the "lock" key. There are clips on that side between the housing and the case, and around the perimeter of the housing. undo each clip before removing the housing.
 - The lock key and the volume control button on the sides of the housing will come off automatically. Be careful not to lose this!

Step 6



- Remove SD card by sliding it out of its housing.

Step 7 — Unhooking Antenna Cable



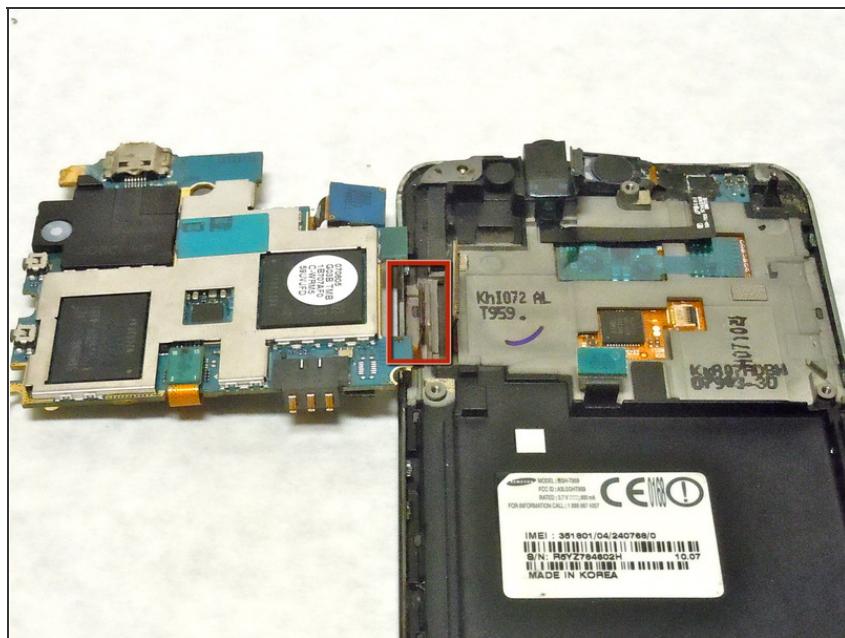
- Disconnect the antenna using [Tweezers](#). Do the lower end first, and then the upper.
 - Do the lower end first, and then the upper.
 - Pull the antenna cable out.

Step 8 — Headphone Jack/Ear Speaker



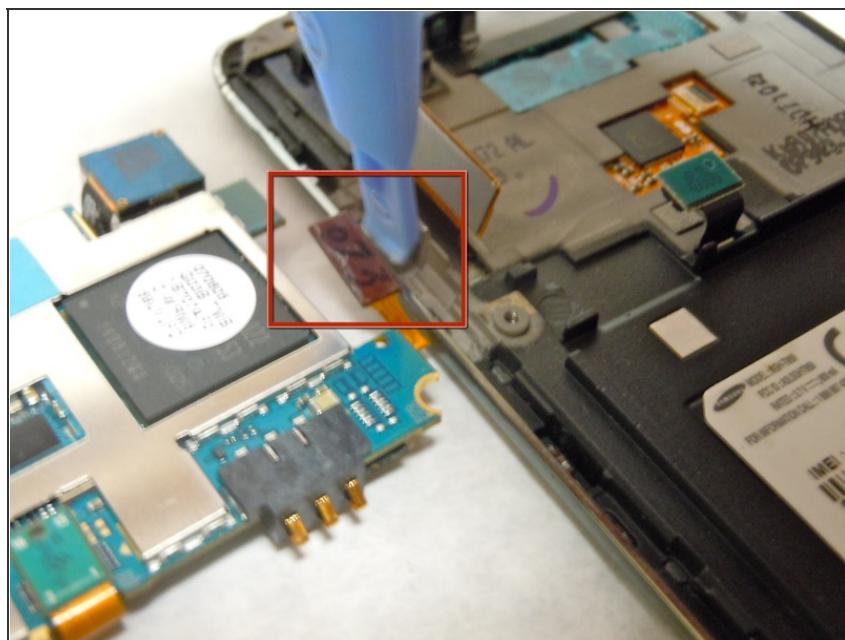
- Locate the three snap on ribbon cable connectors on the motherboard.
- Carefully disconnect the ribbon cable connectors using the [Plastic Opening Tools](#).

Step 9



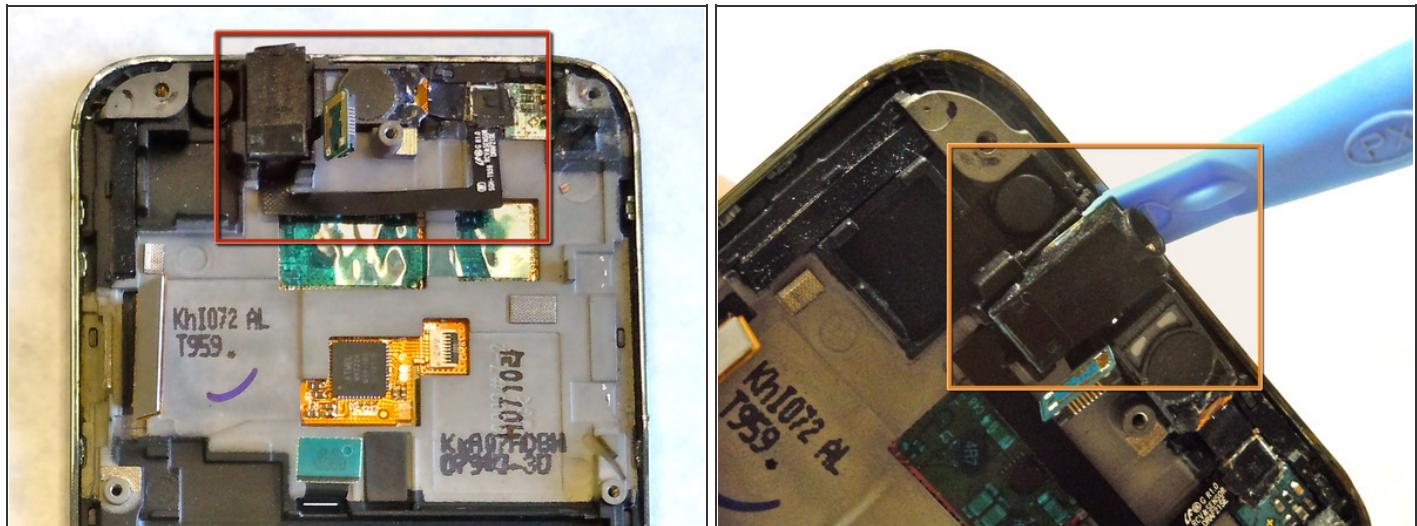
- With the three ribbon cable connectors detached, the motherboard can be folded over to the left.
- Take care when moving the motherboard not to allow any of the ribbon cables to be pulled on. 
- The motherboard will still be connected to the body of the phone by the power button's ribbon cable, which is glued in place.

Step 10



- Remove the power button ribbon cable from the body of the phone by using the [Plastic Opening Tools](#). 
- Take care to not damage the button itself or its connecting ribbon cable when detaching the button. 
- The glue which holds the button in place will remain tacky allowing the button to be replaced without the need for additional glue.

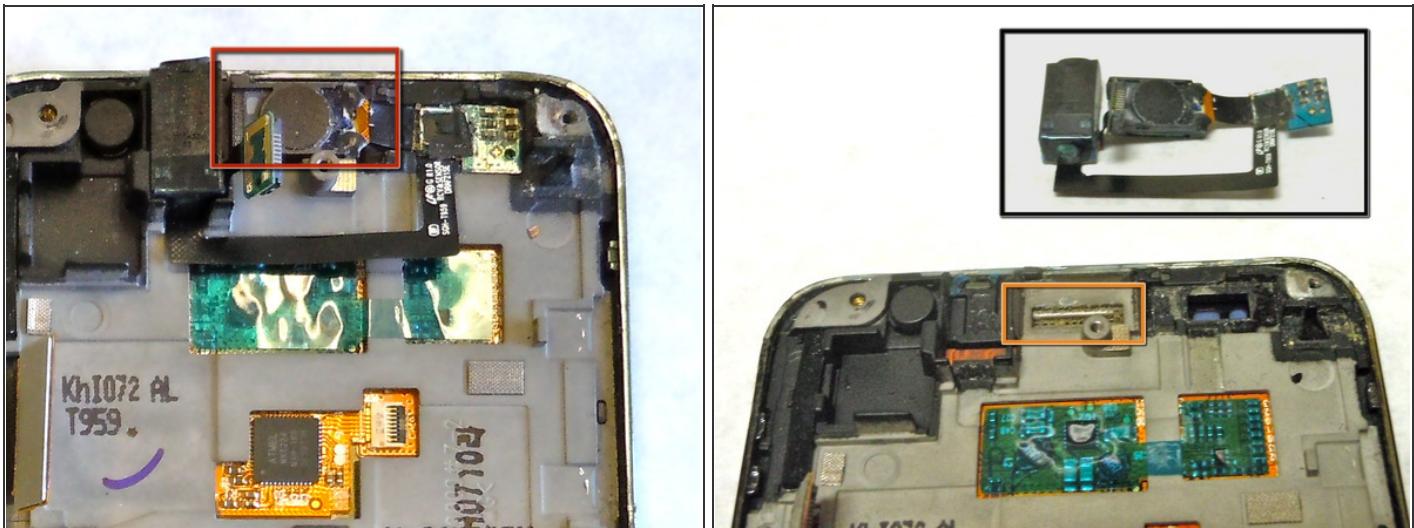
Step 11



- With the motherboard removed, the Headset Jack and Ear Speaker are now accessible.
- Use the [Plastic Opening Tools](#) to gently pry up the Headphone Jack to remove it from the body of the phone.
- The Headphone Jack is held in place with adhesive that will remain tacky after being removed, allowing it to be replace without the need for additional glue.



Step 12



- Disconnect the Ear Speaker from the body of the phone by gently prying up the speaker using the [Plastic Opening Tools](#).
 - The connection holding the Ear Speaker in place is the same kind as the snap on ribbon cables that were disconnected in a previous step.
- With the Headphone Jack and Ear Speaker both disconnected from the body of the phone, they can be removed from the phone and set aside.

Step 13 — LCD Screen



- Use a heat gun or hairdryer on high heat to loosen the adhesive holding the touch panel to the screen assembly.
- Heat gun and hairdryer can produce high temperatures, wear protective clothing and take extra precaution when dealing with high heat. 

Step 14



- After loosening the adhesive, use the plastic opening tool to remove the touch panel from the screen assembly by running it between the outer edge and the LCD screen.
 - If the screen is cracked already, the LCD may chip off in shards. Be wary of sharp edges.
 - You may need to reheat the adhesive as you work around the edge as it may cool.



To reassemble your device, follow these instructions in reverse order.

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